

Claims

1. A dentifrice composition for bleaching the teeth comprising:
a first paste containing peroxide; and
5 a second paste containing catalyst having chloric acid ion for activating said peroxide.
2. The dentifrice composition for bleaching the teeth according to claim 1,
wherein said peroxide comprises one or more peroxides selected from the group consisting of
hydrogen peroxide, barium peroxide, sodium perborate, calcium peroxide and urea peroxide.
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3. The dentifrice composition for bleaching the teeth according to claim 1,
wherein said catalyst comprises one or more catalysts selected from the group consisting of
sodium hypochlorite(NaOCl), sodium chlorite(NaOCl_2), sodium chlorate(NaClO_3), calcium
hypochlorite(CaCl_2O_2), calcium chlorate(CaCl_2O_6), magnesium chlorate(MgCl_2O_6), aluminum
15 chlorate(AlCl_3O_9) and potassium chlorate(ClKO_3).
4. The dentifrice composition for bleaching the teeth according to claim 1,
wherein said peroxide is hydrogen peroxide (H_2O_2); and said catalyst is sodium
hypochlorite(NaOCl).
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5. The dentifrice composition for bleaching the teeth according to claim 4,
wherein the hydrogen peroxide is included from about 2.5×10^{-4} to 1.5% by weight of the first
paste.
- 25 6. The dentifrice composition for bleaching the teeth according to claim 4,
wherein the sodium hypochlorite is included from about 2.5×10^{-4} to 0.25% by weight of the
second paste.
7. The dentifrice composition for bleaching the teeth according to any one of
30 claims 1 to 6, wherein the first paste and the second paste are mixed in the ratio of about 1:1 by

weight when the composition is used.

8. The dentifrice composition for bleaching the teeth according to claim 7,
wherein the first paste and the second pastes are filled into a dual container with a
5 partition or separate containers.

9. The dentifrice composition for bleaching the teeth according to any one
of claims 1 to 6, wherein the composition comprises one or more dentifrices selected from the
group consisting of liquid dentifrice, powdered dentifrice, creamy dentifrice, and solid
10 dentifrice.